ARPIT LAMICHHANE

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PERSONAL PROFILE

Motivated undergraduate student pursuing a B Tech IT degree at Veltech University, seeking opportunities to apply classroom knowledge to real-world projects, collaborate with diverse teams and gain hands-on experience in the IT field.

EDUCATION

B.Tech in Information Technology **2021 – Present**
Vel Tech Rangarajan Dr. Sagunthala RD Institute of Science and Technology, Chennai, Tamil Nadu **9.1 out of 10**

Intermediate in Science **2018-2020**
Gurukul College, Chitwan, Nepal **3.25 out of 4**

Schooling (10th) **2017-2018**
Skyrider Higher Secondary English Boarding School, Tandi, Chitwan, Nepal **3.35 out of 4**

TECHNICAL STACKS

Programming Languages: JavaScript, Python, Java, C++.

Web Develpoment : HTML, CSS, Java Script, Python, NodeJS, React JS.

Machine Learning: Supervised learning algorithms, Unsupervised learning algorithms, CNN, Feature engineering, Feature selection & extraction, etc.

Honors

AICTE-Innovate India Coding Championship 2022 (Qualified for Mains) **AUG 2022**

Won various on-campus technical events (Dum Bug, WebSyne 2k24, Codathon 2023) **2023-2024**

NPTEL TOPPER- TOP 1% in NPTEL course “Foundation of Cloud IoT Edge ML” **FEB-APRIL 2024**

PERSONAL PROJECTS

EEG-Based Motor Imagery Classification Using Deep Learning **Ongoing**

Utilized deep learning techniques, including CNN to classify motor imagery EEG signals for brain-computer interfaces, enhancing accessibility for individuals with neuro-motor disorders.

Multi Disease Prediction Using Machine Learning **SEP - DEC 2023**

Designed and developed a multi disease detection system leveraging machine learning algorithms to predict the likelihood of heart disease, Parkinson's disease, and diabetes based on user's input data including blood pressure, maximum heart rate, and calcium values. Implemented as a user-friendly web application, this system offers a convenient and reliable self-testing solution, eliminating the need for a doctor's visit. Created dedicated web pages for each disease for targeted testing.

Personalized Medicine Recommendation System WebApp **SEP 2023 - JAN 2024**

Developed a web based recommendation system for personalized medicine using machine learning techniques with focus on implementing the Random Forest algorithm for its robustness in handling heterogeneous data types and its ability to provide interpretable results.

LICENSES & CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations **OCT 2023**

AWS academy

Completed the course to equip with essential cloud computing knowledge and skills, prepare for diverse roles in AWS-based environments.

Foundation of Cloud IoT Edge ML **MAR-APR 2024**

Swayam

Learned foundational concepts and techniques for implementing machine learning models on edge devices within cloud IoT environments.

SOFT SKILLS

Fast Learner, Leadership Attitude, Curiosity, Adaptability, Teamwork, Problem-Solving, Good Communicator, Accountable, Time Management.